



INTERNATIONAL TRUCK AND ENGINE CORPORATION  
3033 WAYNE TRACE, FORT WAYNE, IN 46806-3968

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**TRUCK GROUP**

03V-161 ① of ③

April 28, 2003

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington D.C. 20590

**Subject: Amended Vehicle Noncompliance Initial Information Report**

Pursuant to Part 573.5, this Amended Noncompliance Initial Information Report is submitted by International Truck and Engine Corporation.

This report relates to the design of the windshield washer pump motor circuit and the system's ability to function when it is full of frozen water and the pump motor shaft is locked or frozen (cannot rotate). Our Initial Noncompliance Information Report was submitted to NHTSA on November 14, 2001 and our petition for Inconsequential was submitted to NHTSA on December 7, 2001. We received NHTSA's denial response letter to our petition on Tuesday April 22, 2003

**(1) INTERNATIONAL RECALL NUMBER ASSIGNED:**

- 01516

**(2) VEHICLE MODELS INVOLVED:**

- Medium: 4300, 4400 Models
- Severe Service: 7300, 7400 Models

**(3) MODEL YEARS INVOLVED:**

- 2001 and 2002

**(4) OTHER IDENTIFICATION NECESSARY TO DESCRIBE VEHICLES:**

- Build date alone defines population

**(5) VEHICLE MANUFACTURING DATES:**

- First build: 10/24/2000
- Last build: 10/22/2001

RECEIVED  
2003 APR 29 A 8:19  
OFFICE OF DEFECTS  
INVESTIGATION

(6) **VEHICLE POPULATION INVOLVED:**

	<i>U.S. Quantity</i>	<i>Canadian Quantity</i>
Total Vehicles	15,354	1,188

(7) **PORTION OF POPULATION ESTIMATED TO CONTAIN DEFECT:**

- 100% -- All of the vehicles have the same windshield washer circuit design.

(8) **DESCRIPTION OF DEFECT:**

- The problem is a failure of the windshield washer circuit to operate after the tests are performed as required by FMVSS.
- FMVSS 104 refers to SAE J942, Section 3.2, System Strength, states: "The windshield system shall be capable of withstanding the loads induced when the nozzles are blocked and tested in accordance with test procedures established in paragraph 4.2." The windshield washer circuit fails to pass the requirements of 3.2. In particular, the failed test results were produced when the system was tested as described in 4.2.2 part (b), which states: "The system shall be filled with water and frozen for 4 hours and then actuated repeatedly for a one minute period." The 5-amp washer motor circuit fuse opens 250 milliseconds after the first actuation of the washer switch.

(9) **CHRONOLOGY OF PRINCIPAL EVENTS WHICH LED TO DETERMINATION OF NONCOMPLIANCE:**

- 9/11/2001 International's Engineering department became aware of this issue when tests were run for the severe service models.
- 9/12/2001 Engineering began investigating solutions for this issue.
- 10/15/2001 The 5-amp fuse was upgraded to a 10 amp and the fuse panel label was also changed for a containment action at the Springfield Assembly Plant.
- 10/23/2001 The containment action was implemented at the Garland and the Escobedo Assembly Plants.
- 11/7/2001 Engineering ran final tests and validated containment action (upgrade to 10 amp fuse and change fuse label).
- 11/8/2001 International declared Noncompliance Recall 01516.
- 12/7/2001 International requested an exemption from the notification and remedy requirements on the grounds that the noncompliance is inconsequential as it relates to motor vehicle safety.
- 4/22/2003 International received notification of denial of inconsequential petition.
- 4/28/2003 International updated original Non-Compliance Initial Report and forwarded to NHTSA.

**(10) PROGRAM TO BE TAKEN TO REMEDY DEFECT:**

- Install a new 10 amp fuse in place of the 5 amp fuse and put a new 10 amp label over the original 5 amp designation on the fuse panel label.

**(11) THE SCHEDULE FOR THIS RECALL IS:**

- Notify International Dealers by: May 30, 2003
- Notify International Customers by: June 6, 2003

**(12) PROCEDURE TO INFORM SECRETARY OF FAILURE TO REMEDY WITHOUT CHARGE:**

- Paragraph to be added to owner notification letter as follows:  
"If you take your vehicle to your International dealer on a mutually agreed upon service date and the dealer does not remedy this condition without charge on that date or within five days, you can obtain assistance by following the procedure described in the Owner Assistance Guide section of your Owner's Manual. You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236 if your International dealer fails to remedy or is unable to remedy this condition without charge or within a reasonable time."

**(13) OWNER LETTER AND TECHNICAL LETTER:**

- Refer to number (11).

The undersigned should be contacted for any additional information regarding this recall on (219) 461-1890.

Very truly yours,



R. L. Van Laar  
Compliance Manager

**INTERNATIONAL TRUCK AND ENGINE CORPORATION**

cc: Mike Roeth – VP Reliability and Quality